

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Tuesday, October 14, 2003

**From:** Michael Harris

EPA Region 5 Records Ctr.



379663

**Subject:** Lennon Wallpaper  
210 S. Boulder Ave., Joliet, IL  
Latitude: 41.5208053  
Longitude: -88.0604952

<b>POLREP No.:</b>	5	<b>Site #:</b>	B5W1
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	8/11/2003	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	8/11/2003	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	ILD984799759	<b>Contract #</b>	
<b>RCRIS ID #:</b>			

#### Site Description

The Lennon Wallpaper site is located at 807 4th Ave. in Joliet, Will County, Illinois. The site consists of 7 parcels of land occupying approximately 12 acres. Site removal activities are being conducted on Parcel 5. Parcel 5 is bordered on the north by a wetland, on the west by railroad tracks, on the south by Grant Avenue (vacated), and on the east by Preston Place (vacated).

Parcel 5 of the Lennon Wallpaper site contains and estimated 1,500 to 3,000 cubic yards of lead contaminated soil. The contaminated soil is located in a low lying wet area located on Parcel 5. The soil was contaminated by waste paints or pigments coming from the Lennon Wallpaper facility formerly located next to the property. Parcel 5 is located near a wetland and residential area and is unsecure to both human and animal populations and shows evidence of trespassing.

Site characterizations and inspections conducted by the Illinois Environmental Protection Agency (IEPA) in 1990, 1992, 1995, and 2000 showed elevated levels of lead. Site assessments conducted on Parcel 5 in 2001 and 2002 by START and the U.S. EPA demonstrated elevated levels of lead, with the highest total lead concentration being 10,900 milligrams per kilogram (mg/kg) and the highest toxicity characteristic leaching procedure (TCLP) lead concentration being 100 milligrams per liter (mg/L). The screening level for total lead is 750 mg/kg and the regulatory limit for TCLP lead is 5.0 mg/L

#### Current Activities

On September 8, 2003, ERRS continued to excavate the test trench on the east side of the site in order to define the eastern extent of the contamination. Once excavation of trench was complete START collected composite samples from the eastern sidewall of the trench. Two samples were collected from each grid. One set of samples will be screened with an XRF and if the sample results are below the clean up criteria the second set will be analyzed by the laboratory for TCLP and total lead. ERRS also continued to treat contaminated material. START collected four samples of treated material for disposal purposes. START also collected four perimeter air

samples and one duplicate during the days site activities.

On September 9, 2003, there were no site activities due to OSC training.

On September 10, 2003, there were no site activities due to OSC training

On September 11, 2003, ERRS continued treatment of contaminated soil and excavation of soil from grid row 5. Sample analytical results from disposal samples collected from treated soil were received. All results for TCLP lead were below 1.0 ppm. Analytical results for soil samples collected from the east test trench and screened with an XRF were also received. The highest lead concentration was 490 ppm. The laboratory was then authorized to analyze all samples collected from the trench for confirmation purposes. START collected four perimeter air samples and one duplicate sample during the days site activity.

On September 12, 2003, ERRS continued to excavate and treat soil along grid row 5. During excavation it was noticed there was still another 2 ft. of clean fill on top of the contaminated material. ERRS removed another 1 ft. of clean fill from the top of the contaminated material and placed it on the far east side of Parcel 5. Air samples were not analyzed because sample pumps were collected early due to heavy rain in the middle of the day. Site activities will cease for several weeks while ERRS arranges transport and disposal of treated material.

#### **Planned Removal Actions**

The removal action for the Lennon Wallpaper site consists of excavation, treatment, and disposal of lead contaminated soil on the Parcel 5 property.

#### **Next Steps**

Continue excavation and treatment of lead contaminated soil  
Begin load out and disposal of lead contaminated soil

#### **Key Issues**

None

[www.epaosc.org/lennon](http://www.epaosc.org/lennon)